

## Aster Message trace

This document is to answer questions like

Did the message go to ASTER?

Are they up and running?

Is the firewall allowing the SMC traffic via Ebnet to ASTER?

...

These tests are for normal operations of the system including making sure that the aliases file is correctly configured and pushed out.

See aster\_aliases.doc for alias configuration.

For messages going out to Japan check the following Logs on m0css03:

/usr/ecs/SHARED/CUSTOM/logs/EcMsAsMail-Operation

/usr/ecs/SHARED/CUSTOM/logs/EcMsAsLog-Operation

For messages coming from Japan check the following Logs on m0css03:

/usr/ecs/SHARED/CUSTOM/logs/EcMsAsRcv/EcMsAsLog-Operation

/usr/ecs/SHARED/CUSTOM/logs/EcMsAsRcv/EcMsAsMail-Operation

Make sure sendmail is running on m0css03.

```
ps -ef | grep sendmail.  
root 29882 1 0 May 11 ? 0:17 /usr/lib/sendmail -bd -q1h
```

Make sure NFS is up, type

```
# yp which.  
m0mss02
```

Running traceroute should show you something like:

```
/tools/admin/install_pkgs/traceroute 210.138.100.219.  
traceroute to 210.138.100.219 (210.138.100.219), 30 hops max, 40 byte packets  
 1 rtr-smc.ecs.nasa.gov (198.118.212.33) 1 ms 1 ms 1 ms --GSFC  
 2 198.118.212.129 (198.118.212.129) 1 ms 1 ms 1 ms --er32-1.nasco  
m.nasa.gov  
 3 198.118.223.98 (198.118.223.98) 1 ms 2 ms 1 ms  
 4 198.118.223.34 (198.118.223.34) 171 ms 171 ms 171 ms  
 5 210.138.100.130 (210.138.100.130) 172 ms 172 ms 171 ms --adn5  
 6 gsms-sm.gds.aster.ersdac.or.jp (210.138.100.219) 172 ms 171 ms 171 ms  
#
```

If all looks good send a test message using

/usr/lib/sendmail -v [gds\\_sdps\\_operator@gds.aster.ersdac.or.jp](mailto:gds_sdps_operator@gds.aster.ersdac.or.jp)

some text

.

This should be done on m0css03. The output should look like:

```
# /usr/lib/sendmail -v dar@gSMS-SM.GDS.ASTER.ERSDAC.OR.JP
test. please respond
•→
dar@gSMS-SM.GDS.ASTER.ERSDAC.OR.JP... Connecting to gSMS-SM.GDS.ASTER.ERSDAC.OR.JP. via esmtp...
220-gSMS-SM.GDS.ASTER.ERSDAC.OR.JP HP Sendmail (1.39.111.2/16.2) ready at Fri, 7 May 1999 05:49:34 +0900
220 ESMTP spoken here
>>> EHLO m0css03.ecs.nasa.gov
250-gSMS-SM.GDS.ASTER.ERSDAC.OR.JP Hello m0css03.ecs.nasa.gov ([198.118.212.49])
, pleased to meet you
250-HELP
250-EXPN
250-SIZE 77479936
250-8BITMIME
250-XONE
250-XVRB
250 XQUE
>>> MAIL From:<btrivedi@m0css03.ecs.nasa.gov@m0css03.ecs.nasa.gov> SIZE=21
250 <btrivedi@m0css03.ecs.nasa.gov@m0css03.ecs.nasa.gov>... Sender ok
>>> RCPT To:<dar@gSMS-SM.GDS.ASTER.ERSDAC.OR.JP>
250 <dar@gSMS-SM.GDS.ASTER.ERSDAC.OR.JP>... Recipient ok
>>> DATA
354 Enter mail, end with "." on a line by itself
>>> .
250 AA112653775 Message accepted for delivery
dar@gSMS-SM.GDS.ASTER.ERSDAC.OR.JP... Sent (AA112653775 Message accepted for delivery)
Closing connection to gSMS-SM.GDS.ASTER.ERSDAC.OR.JP.
>>> QUIT
221 gSMS-SM.GDS.ASTER.ERSDAC.OR.JP closing connection
#
```

These are test to check if we have capability to send messages.  
This is no way a sure way to see if ASTER got the messages.  
Output different from above may be and indication of a problem.

Forward comments to btrivedi@eos.hitc.com